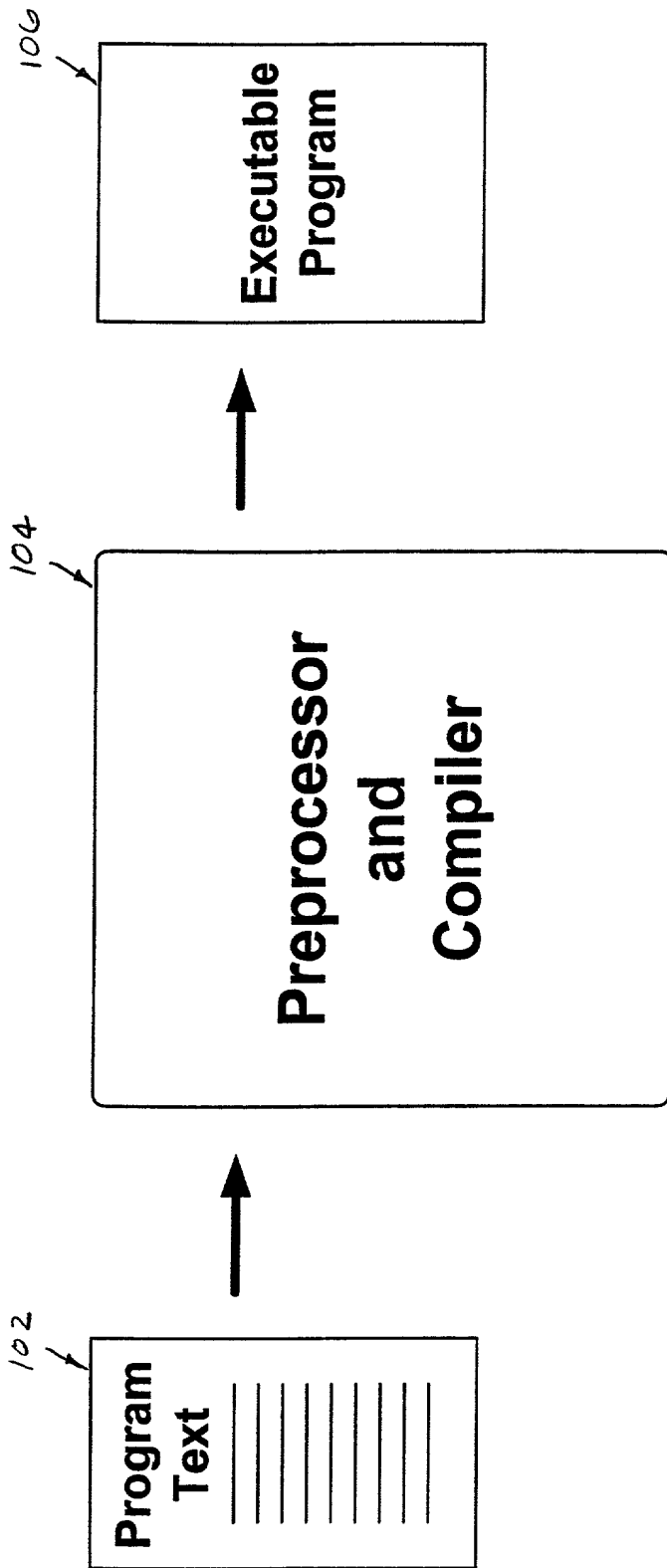


FIG. 1 is a block diagram of a system for processing program text. The system includes a program text input (102), a preprocessor and compiler (104), and an executable program output (106). The program text input (102) provides input to the preprocessor and compiler (104), which in turn provides output to the executable program output (106).

100



**FIG. 1**  
(Prior Art)

FIG. 2 is a block diagram of a Java compilation system 200. The system includes a Java Template 202, a Java Preprocessor and Compiler System 204, a Java Byte-Codes 206, and a Java Virtual Machine 208. The Java Template 202 is input to the Java Preprocessor and Compiler System 204, which outputs Java Byte-Codes 206. The Java Byte-Codes 206 are then input to the Java Virtual Machine 208.

200

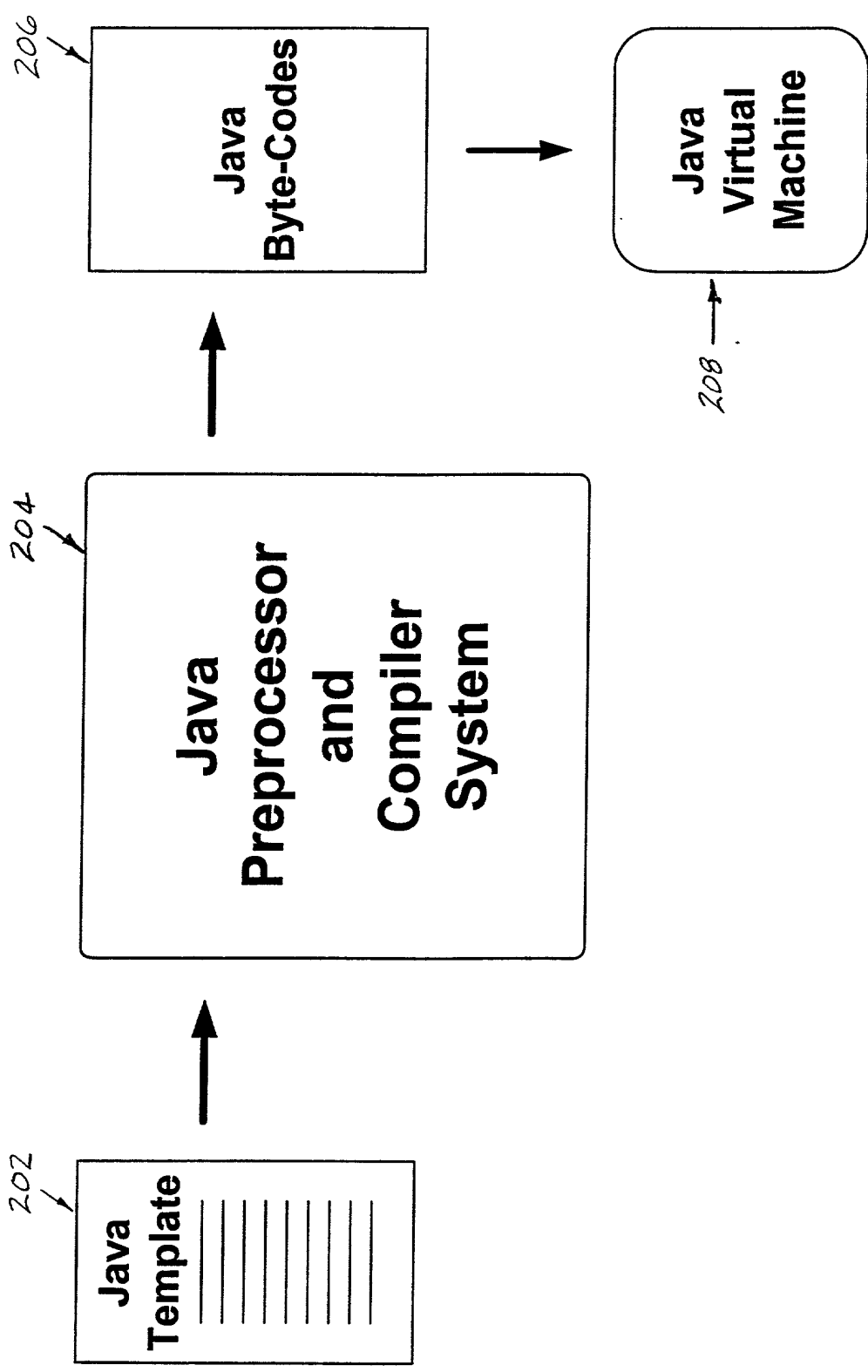


FIG. 2

FIG. 3 is a block diagram of a system for generating Java byte codes from a Java template. The system includes a Java Template (202), a Java Macro Preprocessor (300), a Java Object Text File (302), a Java Compiler (304), and Java Byte Codes (206). The Java Template (202) is processed by the Java Macro Preprocessor (300) to generate the Java Object Text File (302). The Java Object Text File (302) is then processed by the Java Compiler (304) to generate the Java Byte Codes (206). The Java Macro Preprocessor (300), Java Object Text File (302), and Java Compiler (304) are part of a system (204).

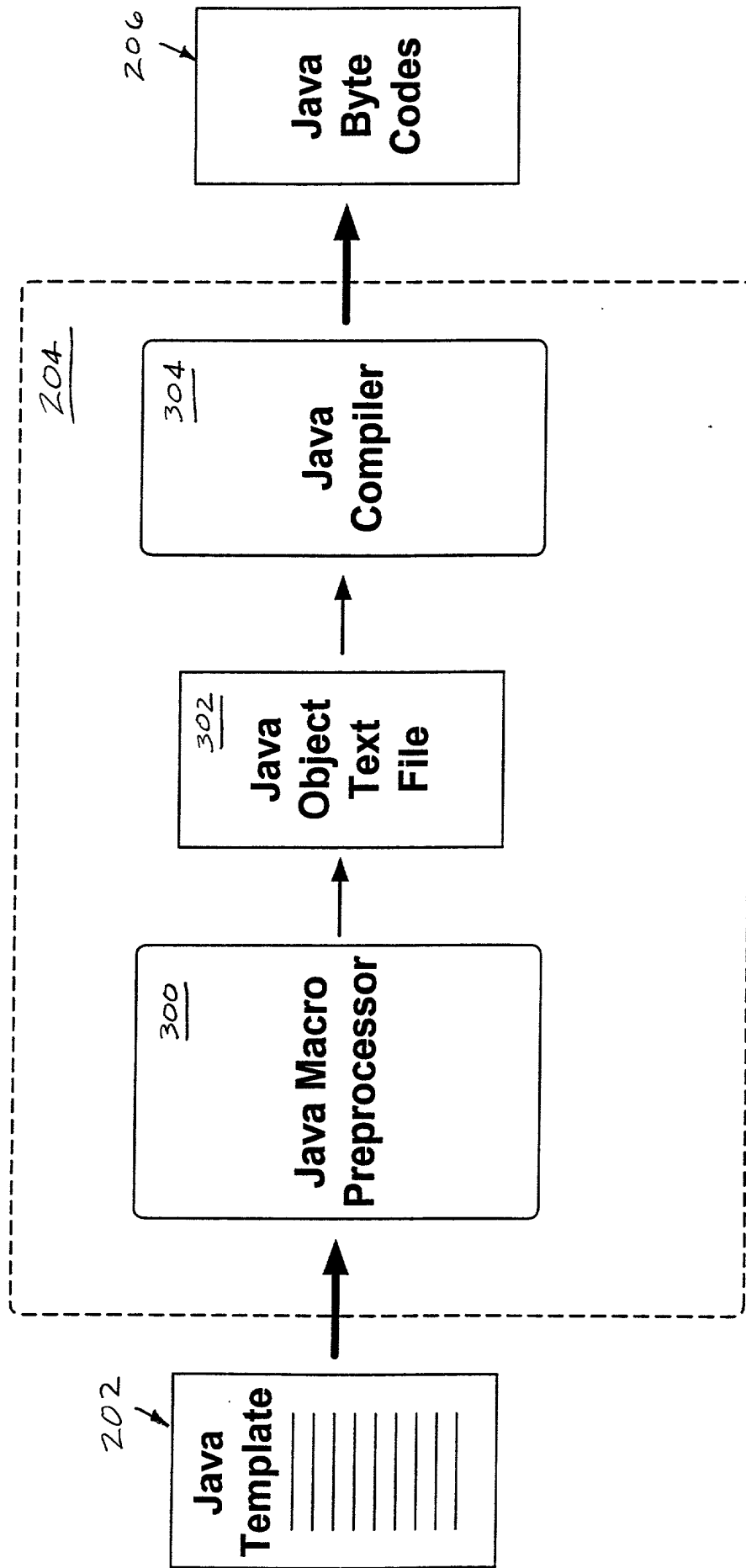
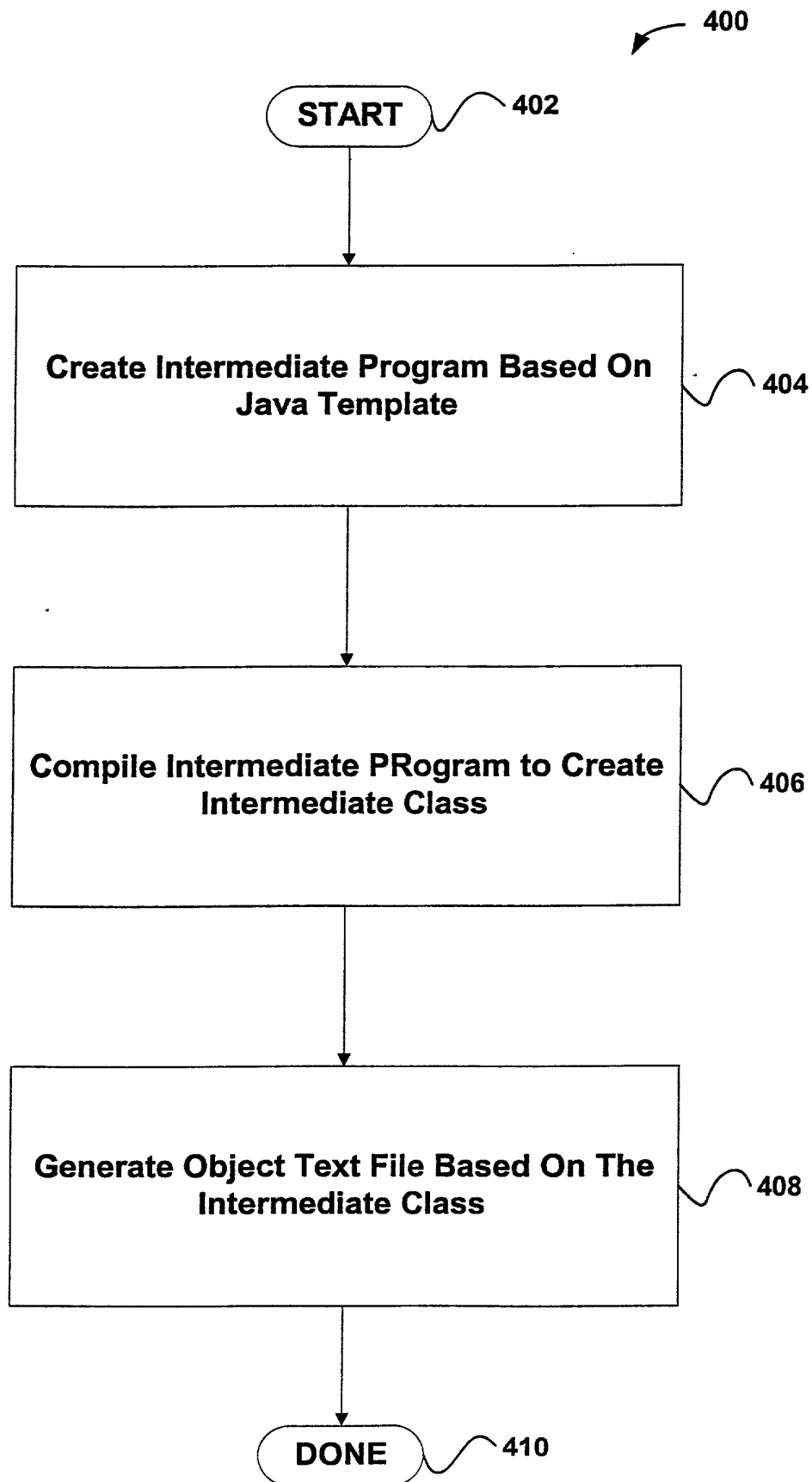


FIG. 3



**FIG. 4**

404

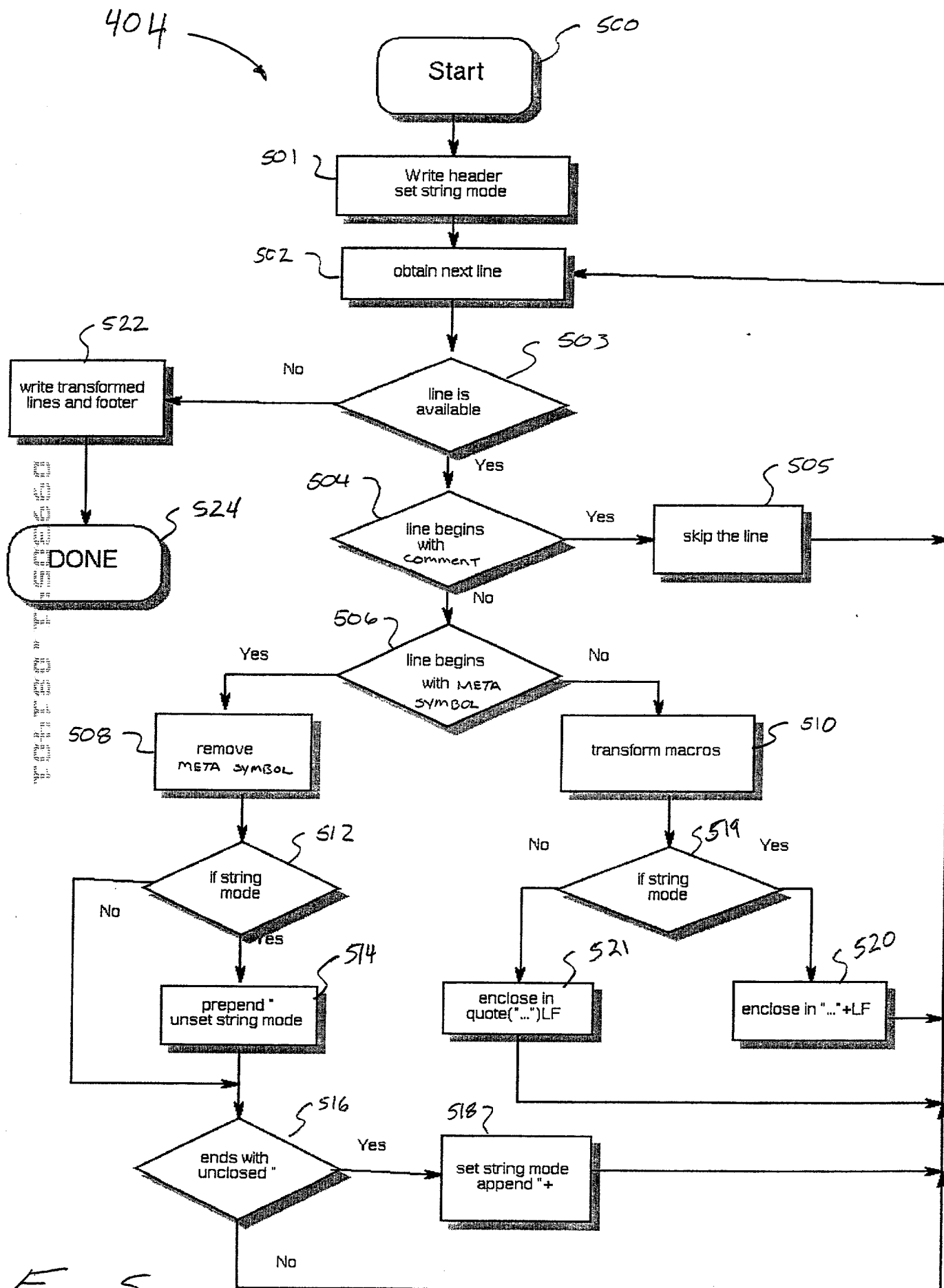


Fig. 5

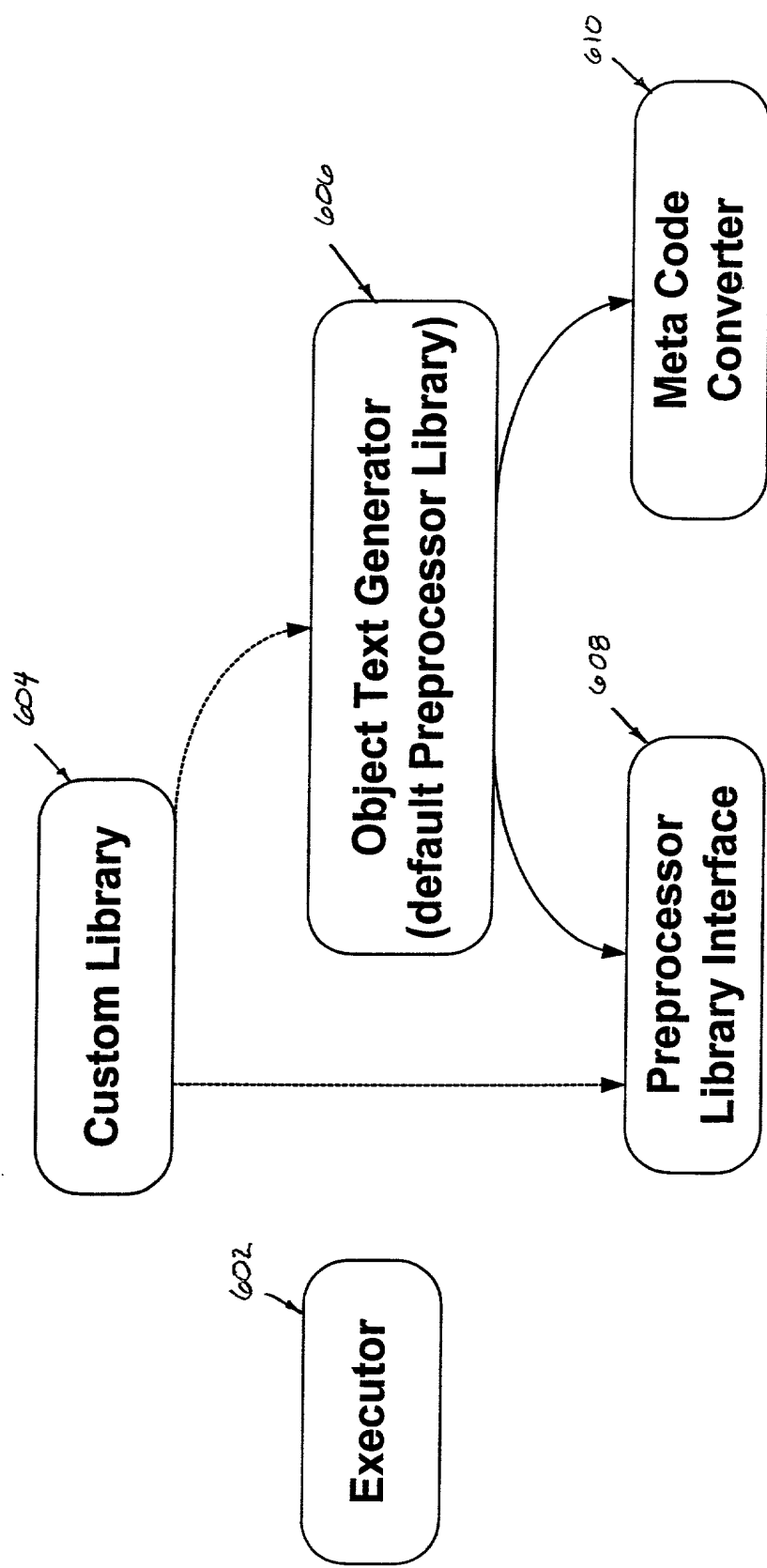
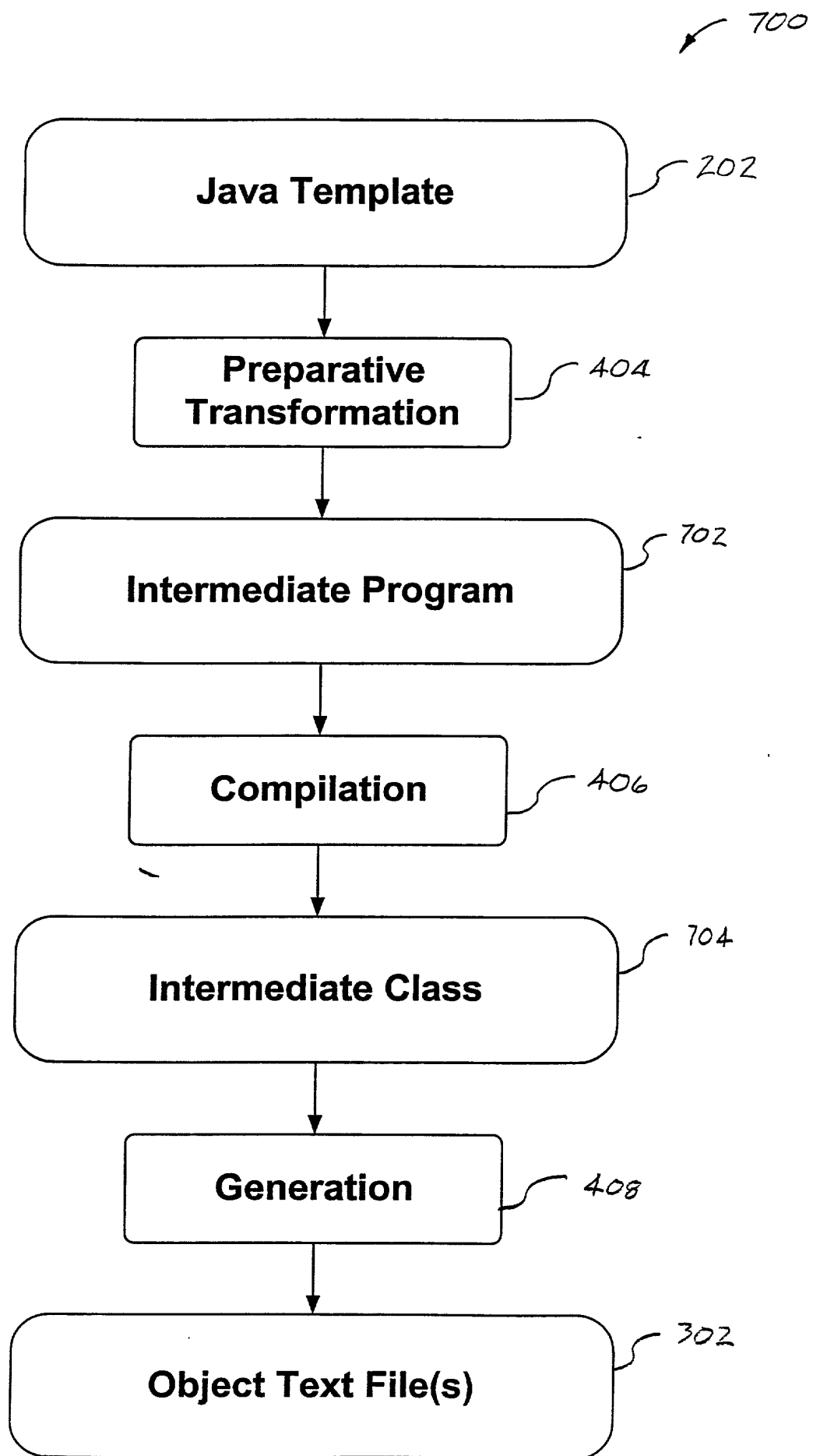


FIG. 6



**FIG. 7**